

Appl. No. 10/753,621  
Amdt. dated 01/03/2006  
Reply to Office action of 10/05/2005

### REMARKS

Applicant respectfully amends the first paragraph of the specification to correctly identify the current status of the related applications. The abstract is amended herein to correspond to the claimed invention.

Applicant respectfully amends base claim 8 by incorporating the limitations of claims 10 and 11. Claims 10 through 12 are canceled herein.

In the Office Action of October 5, 2005 the examiner rejected previous claim 11 stating "Nichols teaches that the distance between the transmitter and the receiver could be 200 meters, (column 10 lines 40-42) which is greater than ten meters." Applicant respectfully submits that Nichols does not teach or suggest disposing the first transmitter and the receiver in the same borehole and spacing the first transmitter a distance greater than or equal to 10 meters from the receiver.

Nichols teaches at col. 10, lines 40-42, having a first transmitter in a first borehole and the receiver in a second borehole. Applicant teaches this same cross-hole distance at paragraph [0036] of this application. Applicant teaches the novel and inventive elements of disposing the first transmitter within the same borehole as the receiver and at a distance greater than or equal to 10 meters from the receiver at paragraph [0045] of this application.

Applicant respectfully submits that the prior art fails to teach or suggest applicants invention as claimed. Applicant respectfully requests that the objections and rejections be withdrawn and a Notice of Allowance be issued.

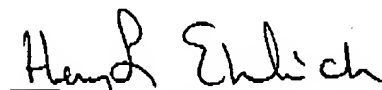
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Respectfully submitted,  
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DATE

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